

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 02/03644

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F01D21/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	FR 2 752 024 A (SNECMA) 6 February 1998 (1998-02-06) cited in the application page 5, line 29 - page 6, line 2 page 8, line 9 - line 19 figure 8	1,2,4
Y	US 6 098 399 A (ALLEN JOHN W ET AL) 8 August 2000 (2000-08-08) column 1, line 64 - line 67 column 3, line 16 - line 22 figures	1,2,4

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

7 February 2003

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18/02/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 009 701 A (FREEMAN CHRISTOPHER ET AL) 4 January 2000 (2000-01-04) column 1, line 59 - line 64 column 2, line 3 - line 7 column 2, line 14 - line 17 figures ---	1-12
A	EP 1 008 726 A (GEN ELECTRIC) 14 June 2000 (2000-06-14) column 4, line 31 - line 32 figures 1-4 ---	1-12
A	US 3 395 857 A (GEORGE PASK ET AL) 6 August 1968 (1968-08-06) figures ---	1-12
A	US 5 417 501 A (HYDE PHILIP M ET AL) 23 May 1995 (1995-05-23) figure 1 -----	1-12

## INTERNATIONAL SEARCH REPORT

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2752024	A	06-02-1998	FR 2752024 A1	06-02-1998
US 6098399	A	08-08-2000	GB 2322165 A	19-08-1998
US 6009701	A	04-01-2000	GB 2320526 A ,B	24-06-1998
EP 1008726	A	14-06-2000	US 6240719 B1	05-06-2001
			EP 1008726 A2	14-06-2000
			JP 2000199406 A	18-07-2000
US 3395857	A	06-08-1968	GB 1071049 A	07-06-1967
			FR 1511328 A	26-01-1968
US 5417501	A	23-05-1995	DE 4429640 A1	06-04-1995
			FR 2709157 A1	24-02-1995
			GB 2281105 A ,B	22-02-1995
			JP 7083237 A	28-03-1995